Pond A4 Tidal Wetland Restoration Project Opportunities and Constraints Summary

1. Introduction

1.1 Background and Existing Mitigation Requirements

The Santa Clara Valley Water District (District) purchased the approximately 310-acre Pond A4, a former Cargill salt evaporator pond located adjacent to Guadalupe Slough, to provide a location for implementation of tidal wetland mitigation requirements. The District's current mitigation requirement is for 66 acres of tidal marsh to meet permit requirements for the District's Stream Maintenance Program (SMP) and for the Lower Guadalupe River Project. The initial 66-acre restoration could also provide for re-use of excavated sediments from the SMP.

The pond is located on the southwest side of Guadalupe Slough about 2.5 miles from its confluence with San Francisco Bay. Currently, the pond is diked and receives no tidal flows. Adjacent land uses include Sunnyvale Water Pollution Control Plant, the SMaRT recycling facility, a landfill, and the Twin Creek Sports Complex to the south, and the Sunnyvale Baylands Park to the southeast (see Figures 1 and 2).

Ongoing restoration planning activities include technical data collection and analyses and preliminary identification of potential opportunities and constraints that could inform or affect the development of conceptual alternatives, which will be evaluated in Fall 2003.

1.2 Potential Enhancements

Design and restoration of the remaining 244 acres could include environmental or public use enhancements, or potentially a mitigation bank for District and other public agency projects. "Enhancements," as used in this document, refer to potential project components that are not required as part of mitigation requirements, but could be added to the project upon approval by the District's Board of Directors (Board) to provide additional environmental, recreational or water quality protection benefits that are compatible with mitigation goals.

If approved by the Board during the development and evaluation of conceptual alternatives, the specific features and acreage for these enhancements and mitigation bank would be included during the development or refinement of alternatives approved for advancement in the planning process. All action alternatives will include restoration of 66 acres to expedite compliance with existing tidal wetland mitigation requirements. Design of the initial 66 acres is scheduled for completion in 2006. Construction of the 66 acres is estimated to begin in 2006. Enhancements approved by the Board would be scheduled for design and construction either coincident with or after the 66 acres restored for mitigation.

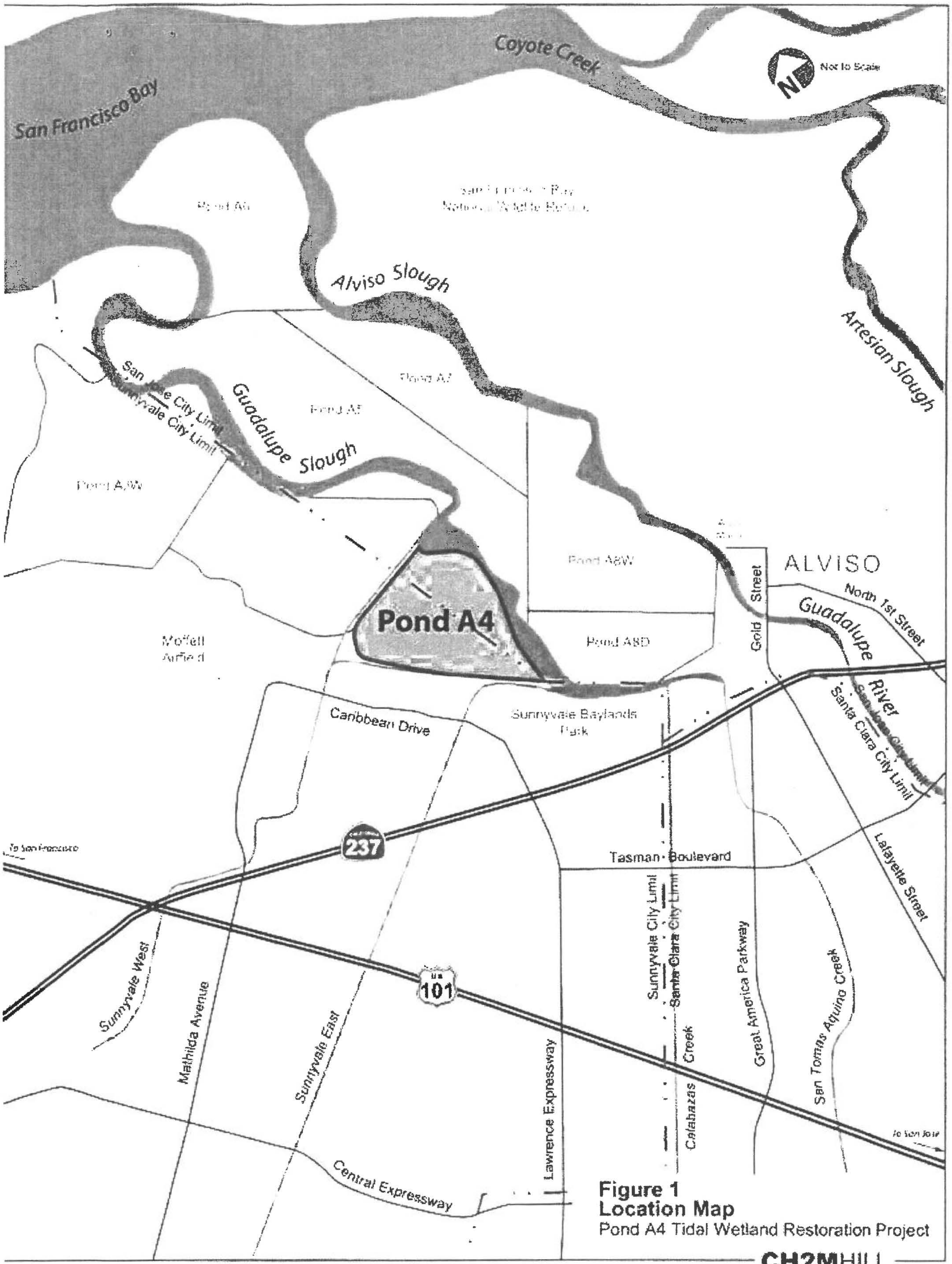

Figure 1
Location Map
Pond A4 Tidal Wetland Restoration Project

CH2MHILL

754.06.01-Fig 1 LocMap [illegible]-SFO

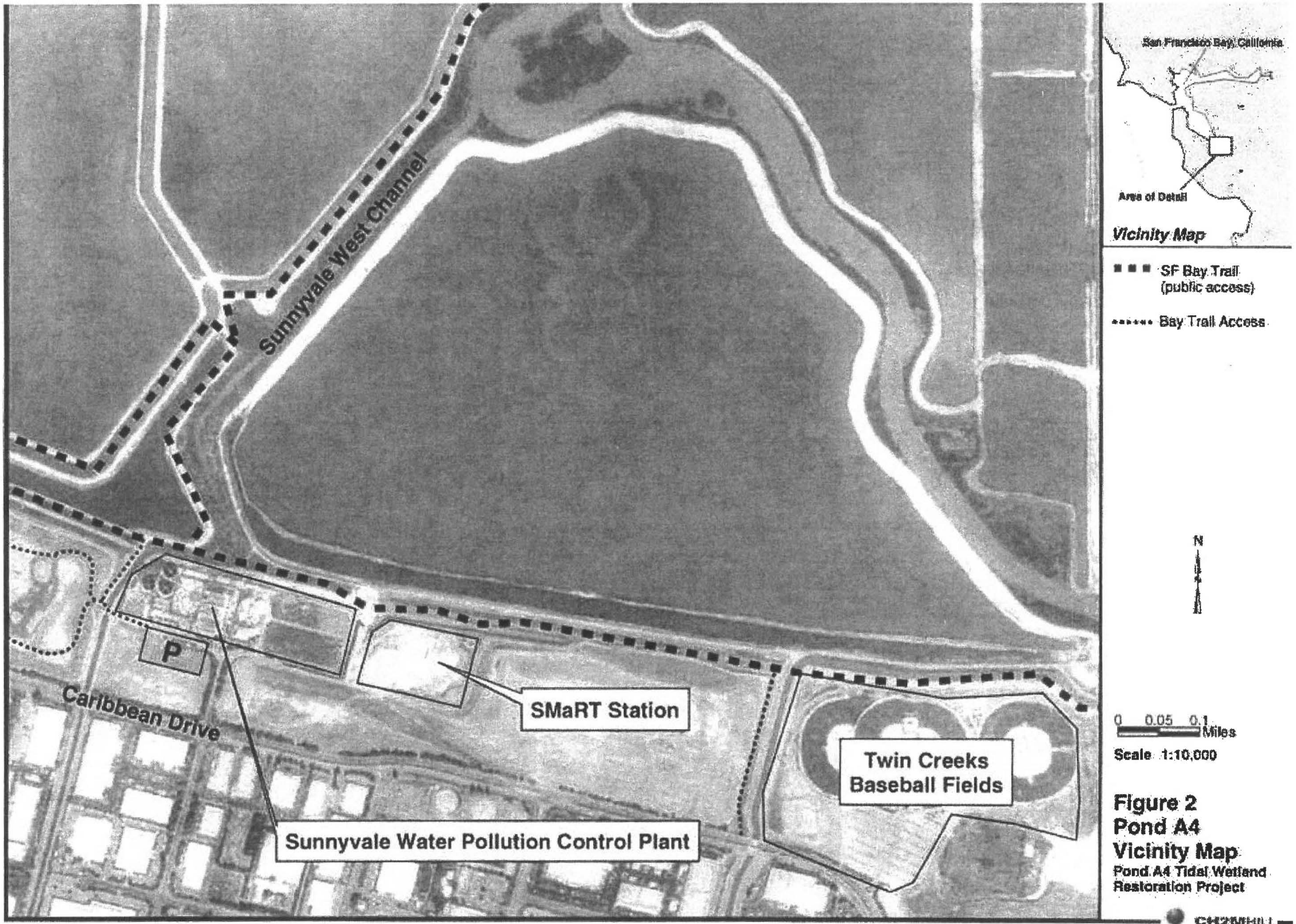

Figure 2
Pond A4 Vicinity Map
Pond A4 Tidal Wetland Restoration Project

177284.06.01•Fig 2 Vicinity Map•7/16/03•ez•SFO

2. Preliminary Opportunities and Constraints

Opportunities are defined as elements or factors that facilitate the achievement of desired goals and objectives, or facilitate or allow incorporation of new, desirable project elements. Constraints are elements or factors that may hinder achievement of a project goal or objective, or increase the cost or time to achieve a goal. In many cases, the same factor can present an opportunity or a constraint, depending on the alternatives developed and selected. An example would be the presence of deep water borrow ditches and antecedent channels: these deeper water areas can enhance subtidal and adjacent marsh habitat values, but if not properly taken into consideration during design, could result in short-circuiting water flows from developing marshes and marsh channels. Design considerations are factors or elements that need to be taken into consideration during design, for instance to maximize project benefits, facilitate reaching project objectives, or minimize project impacts. Design considerations are based on the opportunities and constraints associated with the project.

The following discussion summarizes the existing setting and the major potential design considerations and opportunities or constraints identified to date. Potential opportunities and constraints discussed in greater detail below are divided into the following topic areas:

Physical Factors

- Surrounding land uses and facilities
- Bathymetry/topography and hydrology
- Sediment and levee characterization

Chemical Factors

- Sediment characteristics
- Salinity and water quality

Biological Factors

- Special-status species and waterfowl habitat
- Potential for invasive species and vector control
- Habitat types and wildlife/recreational interface
- Compatibility with Habitat Goals and regional restoration projects

Other topic areas not addressed here in detail include cultural resources, visual resources, and traffic. No cultural resources were identified as occurring within the area; therefore, cultural resources would not constrain alternatives development. Visual enhancement opportunities can be identified within the major conceptual design alternatives, and are not discussed in detail here.

2.1 Physical Factors

2.1.1 Existing Land Uses and Facilities

Pond A4 is bordered on the south by the Sunnyvale Water Pollution Control Plant, the SMaRT facility, the landfill slope, and the Twin Creek Sports complex. Sunnyvale Baylands

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TABLE 1
Anticipated Tidal Elevations, Guadalupe Slough at Pond A4

Datum	Abbreviation	Tidal Elevation feet (meters)
Highest Estimated Tide	HET	10.5 (3.2)
Mean Higher High Water	MHHW	7.6 (2.3)
Mean High Water	MHW	6.9 (2.1)
Mean Tide Level	MTL	3.3 (1.0)
Mean Low Water	MLW	-0.33 (-0.1)
Mean Lower Low Water	MLLW	-1.64 (-0.5)

- 64 percent of the current pond bottom is below MLLW (the lower edge of intertidal mudflats where open water occurs at low tide).
- 24 percent is currently between MLLW and MTL, tidal elevations appropriate for tidal flats.
- 5 to 10 percent of the pond bottom elevations occur between MTL and MHHW where the majority of the low and high marsh plain would establish. Exact elevations where marsh becomes established varies with the specific system; additional tidal marsh vegetation and elevation transect information for existing fringe marshes in Guadalupe Slough will be gathered in September.

Opportunities, Constraints, and Design Considerations

- ***Borrow Ditches.*** Pond edges have deeper borrow ditches, extending to –17.4 feet (-5.3 m) NAVD 88. This presents both an opportunity and a constraint; these deeper water channels could increase subtidal habitat diversity by providing deeper subtidal habitat, but could also result in diverting tidal flows away from forming tidal channels in created marsh.
- ***Presence of antecedent channels.*** Remnant (antecedent) channels are still found within pond bottom, generally below the anticipated MLLW (see Figure 3). These remnant channels present the opportunity to incorporate deeper water habitat within the marsh plain.

2.1.3 Fill and/or Sediment Requirements

The pond bottom would need to be raised through some combination of imported dredge or fill material, or natural sedimentation, in order to support tidal marsh habitats. The District is also evaluating the potential of using the pond as a possible location for re-use of material removed as part of the District SMP.

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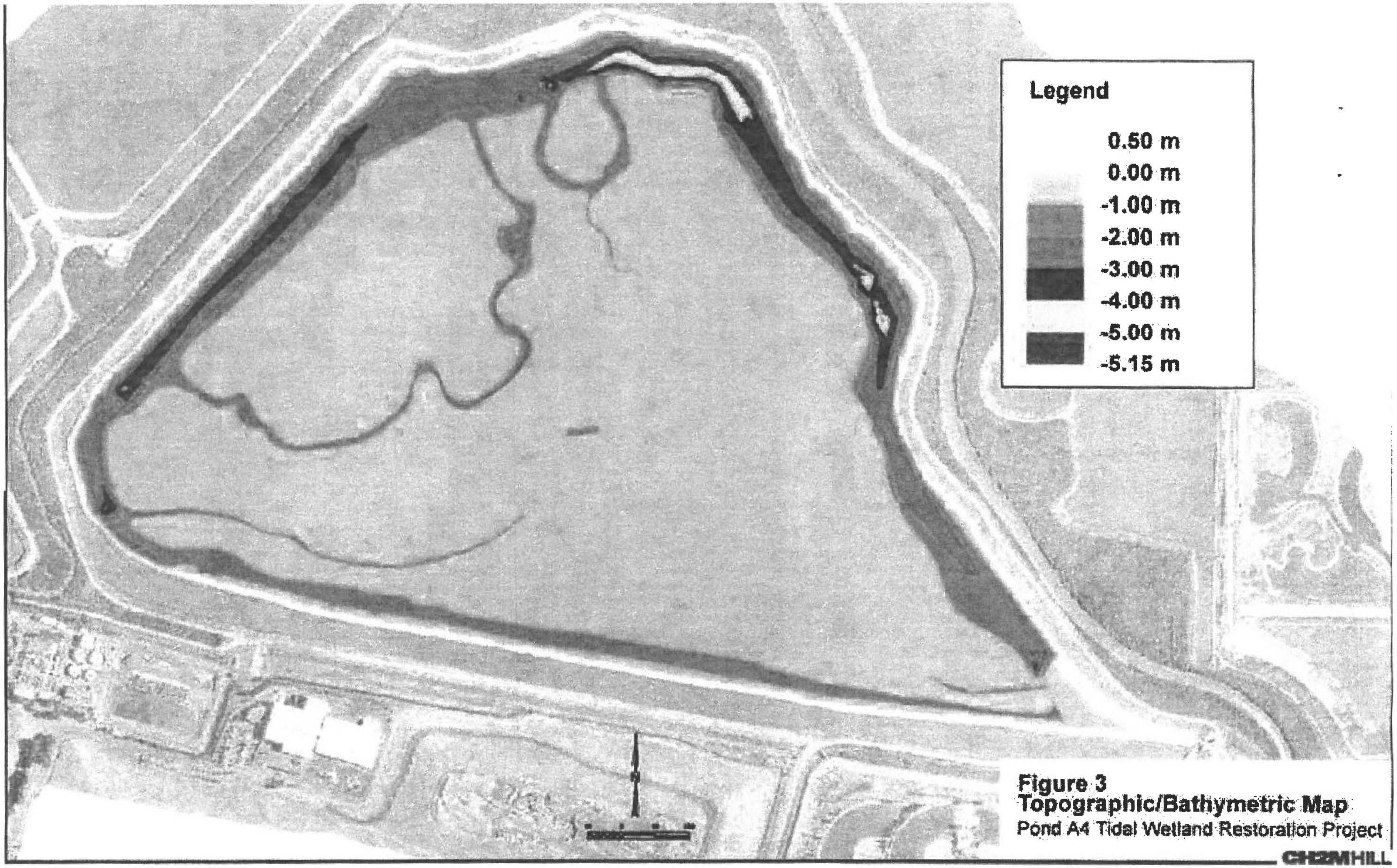

Figure 3
Topographic/Bathymetric Map
Pond A4 Tidal Wetland Restoration Project

hic/Bathymetric Map•7/16/03•ez•SF

- Amount of in-place material needed to raise pond bottom elevations to MHHW (7.5 ft or 2.3 m):
  - Entire bottom (280 acres) of pond: 4,104,000 cubic yards (CY) (3,138,000 cubic meters [CM]) of in-place material
  - 66 acres: 1,420,000 CY (1,086,000 CM) if fill borrow ditches
  - 66 acres: 1,151,000 CY (880,000 CM) if fill where pond bottom is -3.3 feet (-1.0 m)
- The District produces an estimated 80,000 CY or 60,000 CM of excavated material as part of its SMP.
- A preliminary sediment reuse feasibility analysis based on past dredge volume history and projected future dredge projects estimated that the District could anticipate the annual availability of 440,000 CY (340,000 CM) of dredge material.
- Natural sedimentation could take decades to fill the pond to marsh levels.
- Factors affecting fill volumes: The volumes described above are in-place volumes. The actual amount of material that would need to be brought in to fill that in-place volume will vary depending on the type of material imported (dry soil vs. dredge material), excavation techniques, in-place compaction, and the type of soil underlying the pond bottom.
  - Settlement: Within the pond, the estimated settlement for 10 feet (3 m) of fill varies from <1 ft to approximately 5 ft (<.3 m to ~1.5 m), depending on the underlying soils. The Pond bottom includes areas underlain by highly compressible Younger Bay mud; fill in these areas will result in greater settlements than in other areas of the pond. These are generally located in the northeastern portion of the pond along Guadalupe Slough.
  - Bulking Factors: Dry versus dredged material vary greatly in the bulking factors. Bulking Factors for imported dry fill could vary from approximately 15 to 35 percent, depending on the material type imported.

Opportunities, Constraints, and Design Considerations

- ***Volume of material needed.*** The large volumes of material that would be needed to raise pond bottom elevations to appropriate marsh plain levels are a design consideration for both the 66-acre project and any Board-approved enhancements of the remaining acreage.
- ***Beneficial reuse of dredge material.*** Opportunity to provide beneficial reuse of dredged material, including material removed as part of the District SMP, consistent with multi-agency Long-Term Management Strategy (LTMS) goals.
- ***Younger Bay muds and settlement.*** Areas underlain by these compressible Younger Bay muds would require much greater import of fill than similar areas elsewhere in the pond with more competent soils.

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Opportunities, Constraints, and Design Considerations

- ***Open water/marsh ratios.*** The relative proportions of open water to marsh will influence tidal ranges and elevations until equilibrium is reached.
- ***Sediment recruitment.*** Limited natural sediment recruitment could prolong the establishment period for new marshes if used as the mechanism for raising the pond bottom to suitable marsh elevations.
- ***Flood management goals.*** The current system may not provide flood protection during high-flow events. Modeling is ongoing to determine what effect opening the pond may have on flood potential.
- ***Dynamic nature of the system.*** The dynamic nature of the system (changes in tidal ranges, time to reach equilibrium) will determine the need for adaptive management and a range of acceptable outcomes.

2.1.5 Geotechnical Considerations and Levee Systems

The determination of which levees may need to meet Federal Emergency Management Agency (FEMA) levee standards will depend on the results of the preliminary flood modeling. The Pond levees do not currently meet those standards, except possibly the Sunnyvale East Channel levees which will be evaluated further. In addition, based on District requirements, levees used as access roads may also require certain design standards. Due to geometric requirements of FEMA levees, construction of any FEMA levees would result in loss of area available for restoration and impact existing waters or wetlands.

Opportunities, Constraints, and Design Considerations

- ***Flood risk.*** If the project results in increased risks of flooding, measures will be needed to reduce that risk. Levee improvements for flood protection that are not part of flood mitigation for the project are beyond the scope of this Project.
- ***Integration with future flood protection projects.*** Any levee work needed to mitigate for flood impacts of the project would be done to facilitate integration of future flood protection or regional restoration projects.
- ***Potential impacts on water and wetlands.*** Alternatives requiring more FEMA-compliant levees would have a greater potential impact on waters and wetlands.

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2.2 Chemical Factors

2.2.1 Sediment Characterization

Samples were taken in the pond (59 samples) and in adjacent areas of the slough (9 samples). As shown in Table 3, the analytical results were compared to the screening guidelines for wetland surface (top 3 feet [1 m]) and wetland foundation (deeper than 3 feet [1 m] below wetland surface) materials provided in the *Beneficial Reuse of Dredge Material: Sediment Screening and Testing Guidelines* (RWQCB, 2000). Most sediment samples in the pond and all slough samples meet wetland foundation criteria; many pond and slough samples exceed surface criteria levels for Chromium and Selenium. None of the analytical

TABLE 3
Summary of Pond and Slough Samples Exceeding Wetland Criteria

	Number of Samples Exceeding Wetland Criteria in Pond and in Guadalupe Slough					
Constituent	**Surface Criteria**	**Pond A4**	**Slough**	**Foundation Criteria**	**Pond A4**	**Slough**
Metals (mg/kg)						
Arsenic	15.3	3	0	70	0	0
Cadmium	0.33	3	4	9.6	0	0
Chromium	112	26	6	370	0	0
Lead	43.2	1	2	218	0	0
Mercury	0.43	3	0	0.7	0	0
Nickel	112	4	0	120	2	0
Selenium	0.64	33	6	NA	0	0
Silver	0.58	0	3	3.7	0	0
Zinc	158	0	3	410	0	0
DDTs (µg/kg)						
Total DDTs	7	3	0	46.1	1	0

Note: NA = not applicable

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Opportunities, Constraints, and Design Considerations

- ***Mercury and methyl mercury.*** Methyl mercury levels in the slough and pond meet both wetland foundation and surface criteria levels; only three samples exceeded mercury wetland surface criteria in the pond, with the highest being 0.56 mg/kg. Since mercury levels in the South Bay are generally elevated, a concern remains that erosion or resuspension of existing sediments with higher levels from outside the immediate vicinity of the pond could occur, importing higher levels of mercury into the marsh system. Mercury is converted to methyl mercury in anaerobic conditions, such as in restored marsh soils. A concern exists that restoration could result in increased availability of mercury in the marsh system.

- ***Reuse of levee material.*** Some levee material that may be removed as part of the project would most likely be suitable for wetland foundation material; other portions, where DDT is present, may need to be properly disposed elsewhere if removed.

- ***Redistributing pond sediments.*** The pond bottom sediments could also be used as foundation material, and in some cases as fill. The opportunity exists to excavate material from one portion of the pond to place in a different section of the pond.

- *Existing source for natural revegetation.* Adjacent marsh along Guadalupe Slough and Sunnyvale West channels will act as natural sources of propagules (plant material, seeds) allowing for natural colonization of the marsh plain.
- *Habitat Enhancements.* The site presents the opportunity for potential habitat enhancements, if approved by the Board, such as including salt pannes at higher elevations. The site provides limited potential for other habitat enhancements, such as riparian and upland habitats, due to space limitations. There might be potential for riparian enhancement along adjacent fresher water channels.

  Open water is not considered part of the existing 66-acre mitigation requirement; however, tidal channels are an integral component of a healthy tidal wetland ecosystem. Opening the existing ponded habitat to tidal action would increase the value of the open water habitat and introduce more diverse subtidal habitat.
- *Alteration of tidal ranges.* Opening the pond or a portion of the pond would result in initial muting of tides when Pond A4 opened. Future muting of tidal action and/or changes in salinity would potentially occur due to opening other ponds on Guadalupe Slough as part of the South Bay Salt Pond Restoration Project; modeling is ongoing to address this issue.
- *Invasive species and predators.* Although the invasive non-native cordgrass *Spartina alterniflora* is not found presently in the project vicinity, import of material from sites that are in proximity to populations could increase the chance of this species appearing in the restoration site. Verification of fill sources and vegetation monitoring will be required. Control of non-native predators such as red fox would be included in project monitoring, and may influence portions of the design. In addition, the establishment of tidal flushing could potentially introduce invasive aquatic animal species due to the direct link that will be provided with Bay.
- *Vector control.* Tidal areas represent low risk areas for mosquito production, but temporarily ponded areas such as seasonal wetland have a higher potential to serve as mosquito habitat.

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Pond A4 Tidal Wetlands Restoration Project Preliminary Final Screening/Evaluation Criteria

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District Project Objectives

1. Restore 66 acres in the short-term to satisfy the District's existing tidal wetland mitigation requirements under the Multi-Year Stream Maintenance Program (30 acres) and the Lower Guadalupe River Flood Control Project (36 acres).
2. Evaluate an option to create additional tidal wetland mitigation to satisfy anticipated near-term tidal wetland mitigation requirements.
3. Evaluate an option to develop all or a portion of 244 acres to meet future District mitigation needs, provide environmental and recreational enhancements that are compatible with tidal wetland mitigation, and satisfy water quality protection interests.
4. Evaluate an option to develop a multi-user public agency mitigation bank for use by the District and other public agencies.
5. Provide flood protection measures that mitigate flood impacts of the project and integrate with needs for Baylands flood protection.
6. Identify sediment management options that would allow for reuse of excavated stream sediments.
7. Explore opportunities to develop partnerships for regional restoration coordination, recreation, enhancement, education, and research.
8. Integrate and coordinate with other related projects external to the District.

District's Ends Policies

9. Meet District's Ends Policies and comply with Executive Limitations.

Cost and Timing Criteria

10. Minimizes maintenance and operational costs.
11. Can be constructed at a reasonable capital cost.
12. Offers the potential for recovering construction and operational costs.
13. Construction can begin in 2007 or earlier.
14. Habitat will develop within a reasonable time period.

Environmental Criteria

15. Does not result in unacceptable environmental effects.
16. Minimizes potential negative effects on endangered species and associated habitats.
17. Maintains or increases overall habitat values within Pond A4 and vicinity, including endangered species, fish, and waterfowl habitats
18. Minimizes the potential for appropriate vector and exotic species, including predators.
19. Minimizes potential for pollutant dispersion into tidal channels and San Francisco Bay.

Compatibility with Regional Habitat Goals

20. Compatibility with Baylands Ecosystem Habitat Goals (Goals Project).
21. Compatibility with long-term restoration planning for South Bay salt ponds.

Adaptive Management

22. Lends itself to effective monitoring and adaptive management.
    Technical and Operational Criteria
23. Minimizes engineering and geotechnical issues.
24. Can be incorporated into the existing operations capabilities of the District.

Jurisdictional Criteria

25. Required permits can be reasonably obtained given cost, logistics, or existing technology.

Public Use Criteria

26. Maintains or improves public access without compromising Project Objectives.
27. Allows for educational opportunities without compromising Project Objectives.
28. Allows for recreational opportunities without compromising Project Objectives.

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Santa Clara Valley Water District

TO DO LIST FOR PUBLIC MEETINGS

Revised: 7/24/03

Project: Pond A4

Date: August 7, 2003

Time: 1:30 a.m. – 4 p.m.

Location: Evergreen Room - BHA

	Week of June 30th		
✓	**Task**	**Whom**	**Comments**
	Final Draft of Stakeholder List	Squires & Mendoza	Completed
✓	Schedule Location of Meeting	Mendoza	Completed
	Put in Catering Request	Mendoza	7/28/03
✓	Check w/Louisa S. regarding site renderings.	Mendoza	Topo/Bath Maps, Facilities Vicinity Map, Aerial Photo, Planning Schedule by 7/22/03
✓	Put in request w/Mary Carbon for renderings to be mounted by San Jose Blue	Mendoza	7/23/03
✓	Check w/Louisa S. if any audio/visual equipment is necessary for meeting	Mendoza	LCD unit and laptop to be provided by Paul Goeltz
✓	If audio/visual equipment is needed, call Paul Goeltz to setup	Mendoza	Msg sent 7/1
✓	Draft up Storyboard for meeting	Mendoza/Squires	Completed 7/9/03
✓	Draft up Invitation/Save the Date Card	Mendoza	Completed 7/7/03
✓	Set up meeting with CH2M Hill to get draft Opps and Cons Memo and to discuss other meeting requirements (Thursday, July 3, 2003)	Squires	Completed
✓	Set up meeting to review storyboard	Mendoza	Jul. 10, 2003
	Draft Up, Finalize & review External Communication Meeting Info Sheet (Meeting sched. For Aug 4)?	Mendoza, Allen, Squires, Klemencic	Jul. 21, 2003
✓	Draft up Agenda for August 7, 2003 meeting	Mendoza/Squires	Completed 7/8/03

✔	Review/Approve Final Draft of Stakeholder List	Mendoza/Squires	Completed
✔	Finalize Stakeholder List	Squires/Mendoza	Completed
✔	Set up meeting for final walk through	Mendoza	Jul. 18, 2003
	Week of July 7th		
✔	Draft Powerpoint presentation and send to CH2M Hill	Squires	Completed 7/9/03
✔	Review StoryBoard, Agenda, Opps and Cons Memo and Powerpoint presentation	Mendoza, Allen, Squires, and Klemencic	Jul. 10, 2003
✔	Send Stakeholder List to Mail Room for creation of mailing labels	Mendoza	Completed 7/8/03
✔	Send Invitation/Save the Date Card	Mendoza	Completed 7/8&9/03
✔	Mail out invitations to staff	Mendoza	Completed 7/8/03
	Mail out invitations to executive staff. Give 10 copies for Non-Agenda Packet to Clerk of the Board	Mendoza	Jul. 10, 2003
✔	Executive Summary of Opps/Cons and figures for July 10 dry run meeting	CH2M Hill	7/9/03
	Week of July 14th		
✔	Have meeting to Finalize Agenda and all handouts	Squires, Mendoza, Allen, Klemencic	July 18
✔	Comments back to District for Opps/Cons for July 18 final Aug 7 walk thru meeting	CH2M Hill	July 17
✔	Comments back to District on Powerpoint presentation (Aug 7 meeting)	CH2M Hill	July 15
✔	Finalize Powerpoint presentation for final walk thru scheduled for July 18	Squires	July 17
	Week of July 21st – July 28th		
	Finalize draft website layout	Mendoza	July 24
✓	Send out Agenda, Summary of last meeting, and Opps and Cons Memo. Send out to Environmental Advisory Committee also.	Mendoza	Jul. 22, 2003
	Start Receiving RSVPs – Call	Merino	July 30, 2003
	Create Name Tags for Invitees & staff. Check to see if new ones need to be made	Merino	
✔	Make copies of all handouts for meeting	Mendoza	Jul. 24,2003
	Make sure catering is set	Merino	
✔	Send storyboard to Stan Williams	Mendoza	July 28, 2003
	Week of August 4th – August 7th		
	Website to GO LIVE	Mendoza, PIO	TBD
	Set up BHA room with sign in table	Mendoza/Merino	Aug 7
	Set up Evergreen Room (tables, audio/visual, displays, handouts, flip charts, writing materials, etc.)	Mendoza/Goeltz/Merino	Aug 7

	Set up catering tables and food	Mendoza/Merino	Aug 7
	Greet participants	Mendoza/Merino/Squires	Aug 7

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Santa Clara Valley
Water District

5750 Almaden Expressway
San Jose, CA 95118-3614

Thursday, August 7, 2003

Save The Date!

Meeting Invitation

You are Invited to Participate in a Special Meeting to discuss the Santa Clara Valley Water District Pond A4 Tidal Wetland Restoration Project at the Watershed Management Initiative Advisory Group Meeting

Purpose of Meeting: To present and receive input on preliminary opportunities and constraints associated with the project site and present the revised criteria to be used for screening project alternatives.

This is the second in a series of 4 quarterly working meetings to develop and evaluate conceptual alternatives, screen the alternatives for feasibility and further investigation, and select the preferred alternative for restoring a 310-acre salt production pond to a tidal marsh. Pond A4 is bounded by the cities of Sunnyvale and San Jose. An informational packet will be available at the meeting.

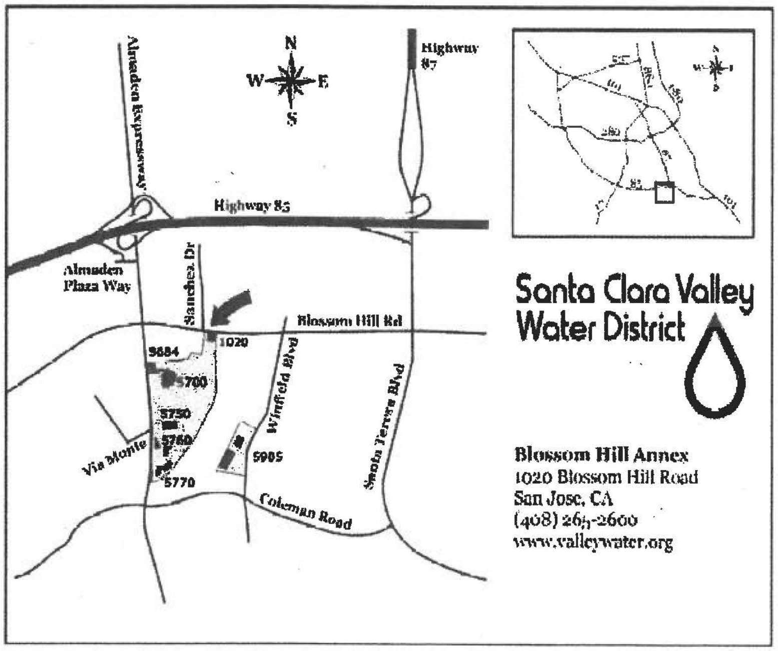
Why Should You Attend?

- ☑ Be a part of the stakeholder process
- ☑ To help us plan a tidal wetland ecosystem that is recognized for promoting the state-of-the-science in salt pond restoration.

When: Thursday, August 7, 2003

Where: Santa Clara Valley Water District
Evergreen Room - Blossom Hill Annex
1020 Blossom Hill Road, San Jose, CA

Time: 1:30 p.m. to 4:00 p.m.
(Refreshments will be served)



For further information, call Louisa Squires, Project Manager at (408) 265-2607 x2745;
for RSVPs, call Louisa Mendoza at (408) 265-2607 x2038

Please share with colleagues who may be interested in this meeting

Santa Clara Valley Water District

Transmittal Memorandum

Date: July 24, 2003

Greetings,

As promised, we are sending you copies of the ***Agenda, Draft Opportunities and Constraints Summary, and the Draft Preliminary Screening / Evaluation Criteria*** for the August 7, 2003 Special Meeting of the Watershed Management Initiative-Wetlands Advisory Group.

Please review the information and be prepared to give feedback and/or input on the documents at our meeting. Marisa Marino, our Project Assistant will be calling you next week soliciting RSVPs. If you miss her call, please e-mail your response to mmerino@valleywater.org by July 31, 2003.

If you have questions on the material or would like to talk to someone about the project, please contact the Senior Project Manager, Belinda Allen at (408) 265-2607 x. 2644 or e-mail your questions to ballen@valleywater.org.

We look forward to seeing you at meeting.

Louisa Mendoza

Louisa Mendoza
Project Coordinator
Santa Clara Valley Water District

Pond A4
PM: Outreach - List of Mtg attendees

Santa Clara Valley Water District

Pond A4 Tidal Wetland Restoration Project
Environmental Advisory Committee – Sign-in Sheet
Public Meeting – August 7, 2003

Name	Organization	Email Address	Phone Number
Kristi McCumby	City of Sunnyvale	kmccumby@ci.sunnyvale.ca.us	408-730-7274
Bill Theyskens	" " "	wtheyskens@ci.sunnyvale.ca.us	408 730 7718
Luisa Valiela	USEPA	valiela.luisa@epa.gov	415-972-3400
Laurie Gervin	City of S'vale	Lgervin@ci.sunnyvale.ca.us	408730-7268
Libby Lucas	WAG	JLUCAS1099@aol.com	650 948-3552
Jakub Gawronski		jgaw6@hotmail.com	510-843-1202
Richard [illegible]	Water District	Director	262-0879
Neal Van Keuren	City San Jose	neal.vanKeuren@ci.sj.ca.us	945-5144
Mary Swain	CH2M HILL	mswain@ch2m.com	510-587-7750
Lynne Hosley	"	lhosley@ch2m.com	510-587-7603
Bob Douglass	CARGILL	robert_douglass@CAGILL.com	510 790 8156
Melissa Garvin	SCVWD	mgarvin@valleywater.org	x 2974
BAL GANJOO	SCVWD		x 3117
Melissa Barry	SF Bay Trail	Melissab@abag.ca.gov	510.464.7919
Cheryl Strong	San Francisco Bay Bird Observatory	cstrong@sfbbo.org	408.946.6548
Janet Hanson	SFBBO	jthanson@sfbbo.org	408-946-6548
PAUL AMATO	RWQCB	PA@RB2.SWRCB.CA.GOV	(510)622-2479
Jason Christie	District		x 2702
Amy Hutzel	Conservancy	ahutzel@scc.ca.gov	510.286.4180
Melissa Dargis	SCVWD	mdargis@valleywater.org	x2692
Don Eisenberg	EOA Inc.	dme@eoainc.com	510-832-2852
BETH DYER	SCVWD		x 3125
Gerry Mendoza	SCVWD		x2237
[illegible] Mendez	SCVWD		x 2038

Louisa Squires SCVWD x2745
Marc Klemencic SCVWD x 2084

PM.02

POND A4 TIDAL WETLAND RESTORATION PROJECT
STAKEHOLDER PUBLIC MEETING ATTENDANCE LIST
AUGUST 7, 2003

Name		Stakeholder	Attending			Comment
			Yes	No	Pending	
John	Addeo	City of Sunnyvale		No		
Paul	Amato	CA Regional Wtr Quality Ctrl Brd - SF Bay Reg	Yes			He will attend or send someone on his behalf due to conflicting SCVWD Mtg.(Discussed w/B. Allen)
Melissa	Barry	Association of Bay Area Governments	Yes			
Craig	Breon	Audubon Society	Yes			Yes, but might possibly leave early due to due to another mtg obligation
Don	Eisenberg	City of Sunnyvale			e-mail	phone# disconnected
Lorrie	Gervin	City of Sunnyvale	Yes			
Janet	Hanson	SF Bay Bird Observatory	Yes			
Tim	Hayes	City of San Jose ESO	Yes			
Amy	Hutzel		Yes			
Libby	Lucas		Yes			
Pat	Mapelli	Cargill Salt Div, Inc.	Yes			Yes, possibly arriving late due to another mtg
Kristy	McCumby	Sunnyvale POTW	Yes			
Trish	Mulvey			No		Didn't see Florence LaRiviere's name on invitation list - verify
Cheryl	Strong	SF Bay Bird Observatory	Yes			
Bill	Theyskens	City of Sunnyvale PWISW	Yes			
Noor	Tietze	County of Santa Clara, Env. Rsc Agcy Vector Ctl Dist.		No		Going on vacation - Did not receive invitation - please verify e-mail list - Requested Agenda (I sent to him via e-mail 8/4)
Neal	VanKeuren	City of San Jose	Yes			Will attend or send someone on his behalf - he will c/b to let me know who will attend later today.